



**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 1 -- Catchment Information**

Subwatershed: Tributary 6

Location of Catchment Centroid on ADC Map: Year: 2001 Page: 4 Grid: H8

State Plane Coordinates of Outfall Location: X: 1356054 Y: 511070

Closest Road Intersection to Outfall: Laurel Bowie Road and Montpelier Drive

Outfall SDI ID or Outfall Description: no SDI - drains to stream south of property

Objective: Demonstration / Impairment(s) (Sheet 1) _____

Drainage Area (ac): 17.4 Impervious Area (ac): 3.6

Percent Impervious: 21% Soil Recharge Factor (S): 0.13

WQ_v (required): 0.34 Re_v (required): 0.04

Predominant Land Use: school/parking Mean Depth to Ground Water: 1-2ft (50%); >=5ft (!

Sanitary System: Septic Municipal Sewer Water Supply: On Site Well Public Water

Storm Drainage System Within Catchment

Piped: 100% Open Channels: 0%

Area Drained by System: 100%

Location in Catchment: Headwaters Middle Lower All

Open Channel Lining- Vegetation: 0% Riprap: 0% Concrete: 0% Other: 0%

Existing IMP(s) / BMP(s)

SDI ID: _____ Type (number from Sheets 4 & 5): _____ Age: _____

Closest Road Intersection to IMP / BMP: _____

Catchment Area Treated (ac) : _____ Percentage Catchment Treated: _____

WQ_v Provided: YES NO Re_v Provided: YES NO C_p Provided: YES NO

SDI ID: _____ Type (number from Sheets 4 & 5): _____ Age: _____

Closest Road Intersection to IMP / BMP: _____

Catchment Area Treated (ac) : _____ Percentage Catchment Treated: _____

WQ_v Provided: YES NO Re_v Provided: YES NO C_p Provided: YES NO

SDI ID: _____ Type (number from Sheets 4 & 5): _____ Age: _____

Closest Road Intersection to IMP / BMP: _____

Catchment Area Treated (ac) : _____ Percentage Catchment Treated: _____

WQ_v Provided: YES NO Re_v Provided: YES NO C_p Provided: YES NO

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 1 -- Catchment Information (concluded)**

CATCHMENT SUMMARY

WQ_v (provided): _____

Re_v (provided) : _____

Area Treated (ac): _____

Impervious Area Treated (ac): _____

Area Treated (%): _____

Impervious Area Treated (%): _____

Comments

UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS) FORM 2 -- Site Information

Site Name: Deerfield Run E.S. and Community Cntr. Address: 13000 Laurel Bowie Road, Laurel MD, 20708Site Owner: Board of EducationState Plane Coordinates of Site Centroid: X: 1356088 Y: 511208 Date: 4/15/03Personnel: PM Weather: sunny, 80F degArea (ac): 13.7 Impervious Area (ac): 2.9Percent Impervious: 21% Soil Recharge Factor (S): 0.13WQ_v (required): 0.27 Re_v (required): 0.04Property Area (ac): 22.8 Property Area Included in Site: 60 %Amount of Catchment Occupied by Site: 79 %

Storm Drainage System Within Site

Piped: 100% Open Channels: 0% Area Drained by System: 95%Open Channel Lining - Vegetation: 0% Riprap: 0% Concrete: 0% Other: 0%

Existing IMP(s) / BMP(s) (Identified on Page 1, FORM 1, Catchment Information)

SDI ID: _____ Condition: Excellent Good Average Fair PoorSDI ID: _____ Condition: Excellent Good Average Fair PoorSDI ID: _____ Condition: Excellent Good Average Fair Poor

Site Information

Type of Pavement: Bituminous Concrete Gravel Grid Pavers Other _____Pavement Condition: Excellent Good Average Fair PoorUnderdrains can be easily directed to existing storm drains or daylighted: YES NOGutter/Exterior Downspouts Present: YES NORoof Connected Directly to Storm Drain: YES NORoof Drains onto Impervious Surface: YES NOObvious Existing Drainage Problems: Extensive Moderate Average Limited NoneSteep Slopes Present: Extensive Moderate Average Limited NoneExisting Landscaping: Extensive Moderate Average Limited NoneMature / Specimen Trees: Extensive Moderate Average Limited NoneArea Available for Aboveground BMPs: Extensive Moderate Average Limited NoneExisting Cover of Potential Aboveground BMP Locations: Grass Landscaped Gravel Other Pervious
 Pavement Other Impervious

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 2 -- Site Information (concluded)**

Commercial / Institutional

Islands Present: YES NO

Curb Present Around Island: YES NO

Ground Level of Island Relative to Pavement: Above Equal Below

Island Landscaping: Impervious Bare Earth Gravel Grass Mulch Herbaceous Plants Shrubs
 Trees (<2 in. DBH) Trees (2 - 6 in. DBH) Trees (>6 in. DBH)

Trees have sufficient spacing to allow IMPs YES NO

Parking area that can be directed to potential treatment area with little grading: 90%

SITE SUMMARY	
WQ _v (provided) :	Re _v (provided):
Area Treated (ac) :	Impervious Area Treated (ac):
Area Treated (%) :	Impervious Area Treated (%):

Photographs

- No. 567 Description: looking west at east side of building
- No. 568 Description: looking northwest at east side of building
- No. 569 Description: looking northeast at south side of building
- No. 570 Description: looking northwest at south side of building
- No. 571 Description: looking east at north side of building
- No. 572 Description: looking south at west side of building
- No. 573 Description: looking southwest at west side of building
- No. 574 Description: looking south at north side of building
- No. 575 Description: looking southeast at north side of building
- No. 576 Description: looking south at west side of building

Comments Scuppers present for roof overflow.

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 2 -- Site Information**



567



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569



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**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 2 -- Site Information (concluded)**



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